

FIG 1

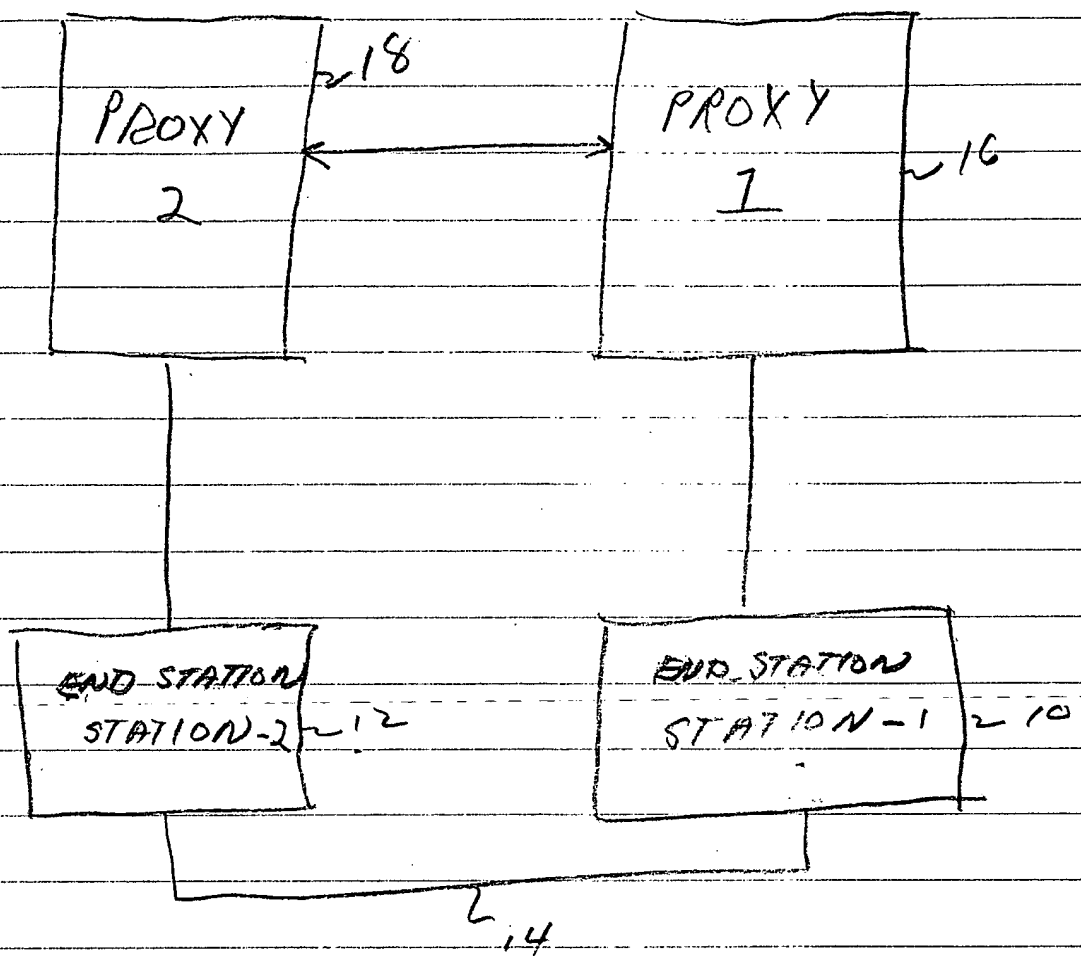


FIG 1

END USER STATION-1
SELECTS X_1, g 20

COMPUTE g^{X_1} 22

ENCRYPT g^{X_1}
WITH PASSWORD
PW1 24

GENERATE CHALLENGE C_1
TO
END USER STATION-2 26

GENERATE CHALLENGE C_2
TO
PROXY-1 28

TRANSFER DATA
TO
PROXY 1 30

FIG-2

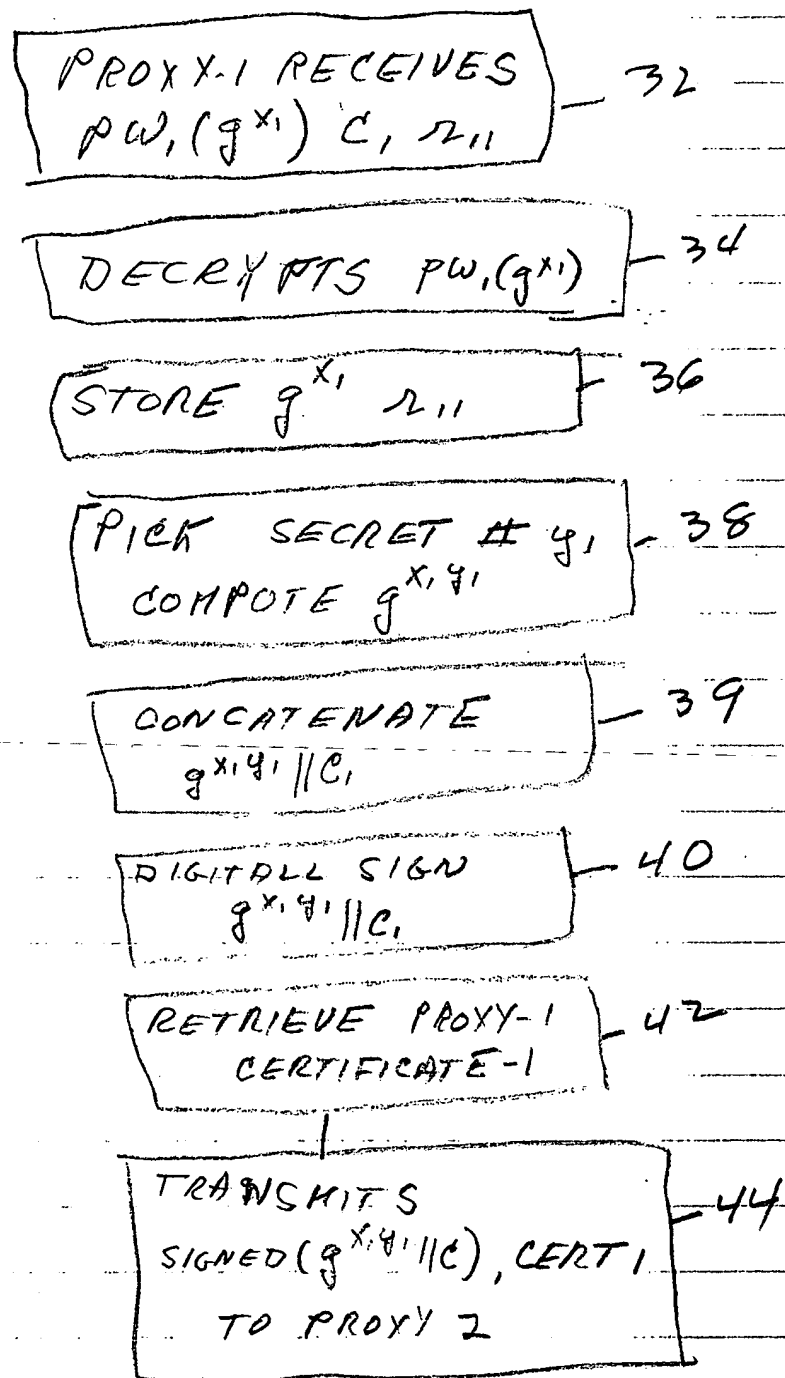


FIG 3

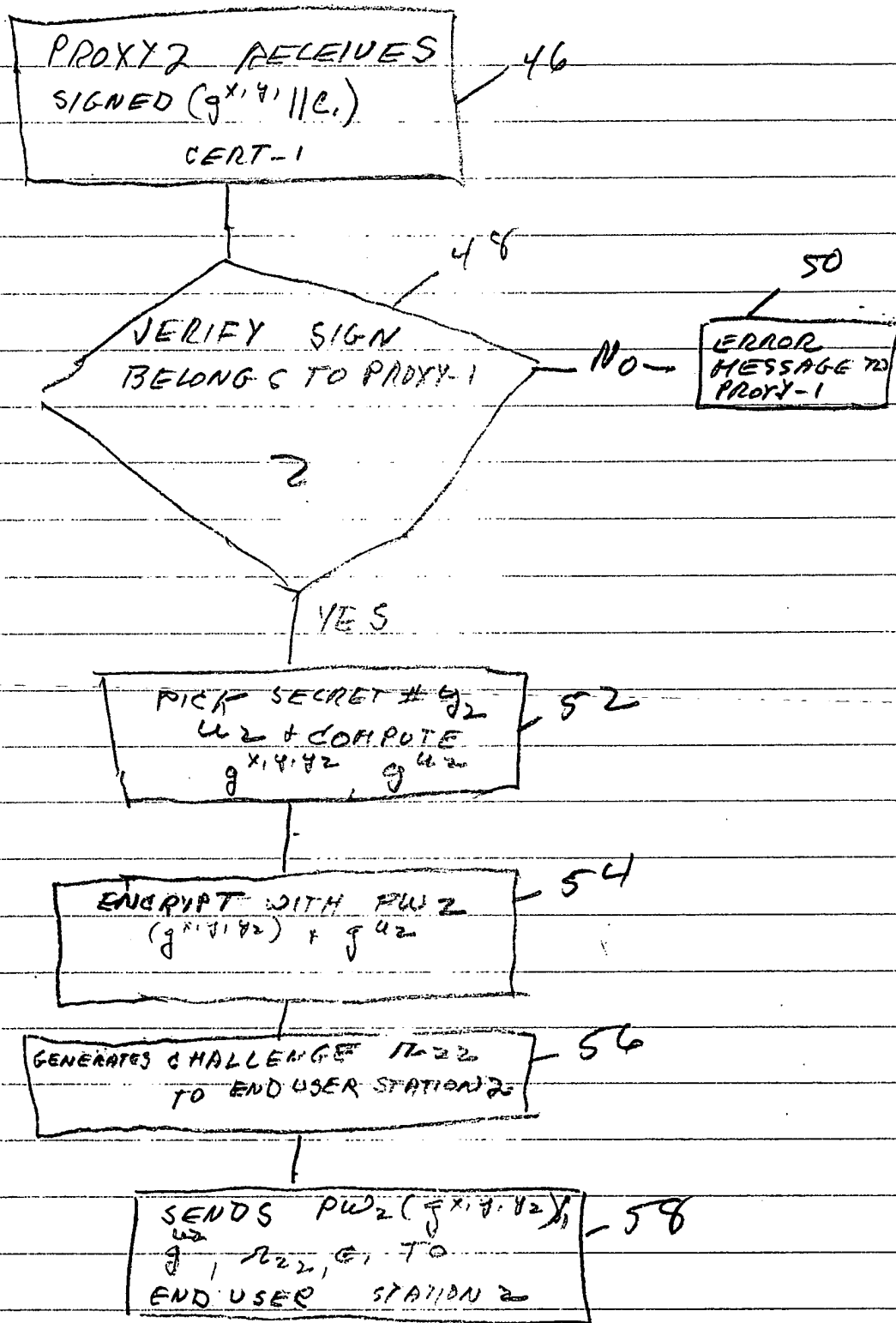


FIG 4

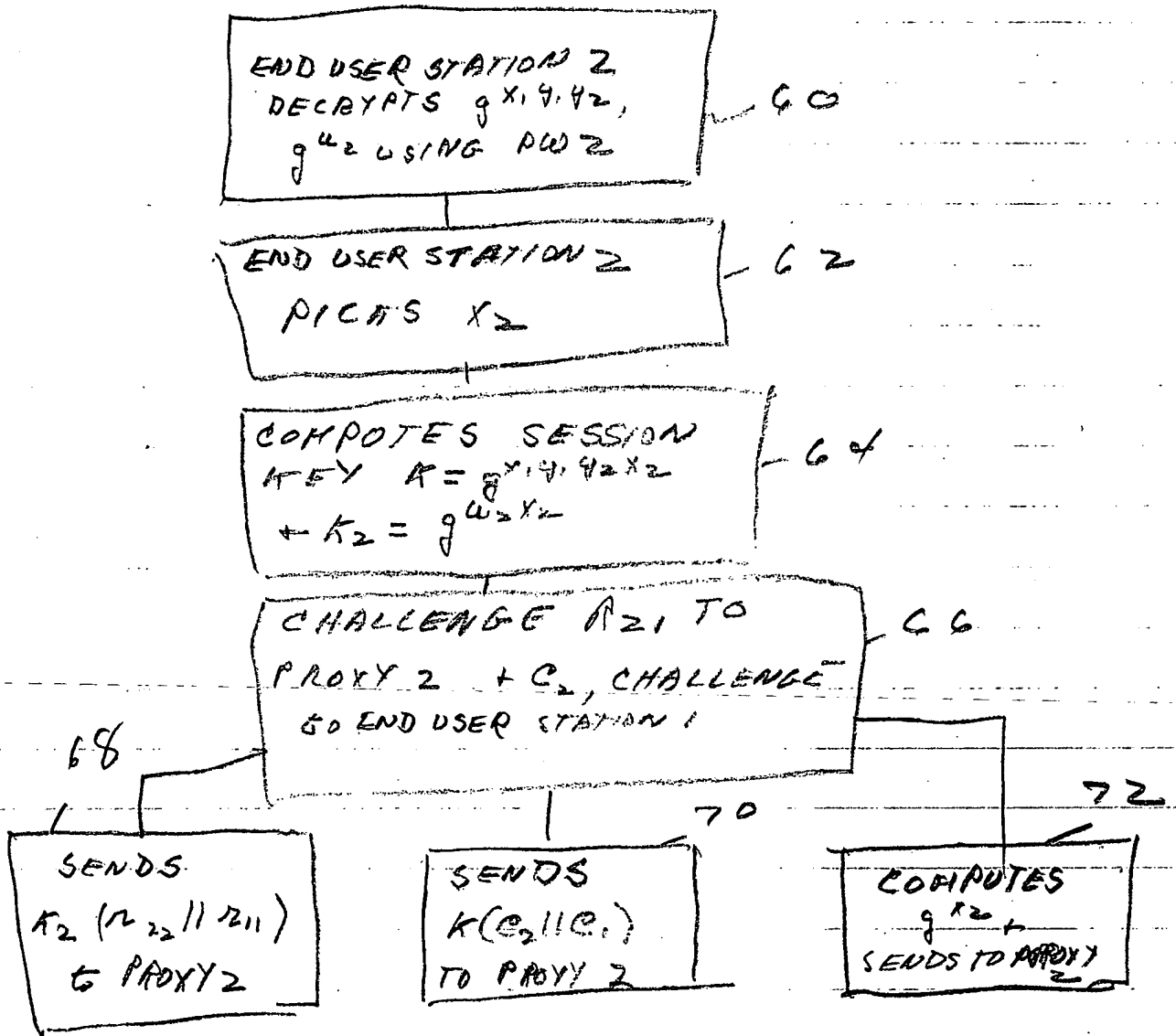


FIG 5

0000101.051101
TOT50 TOT4560

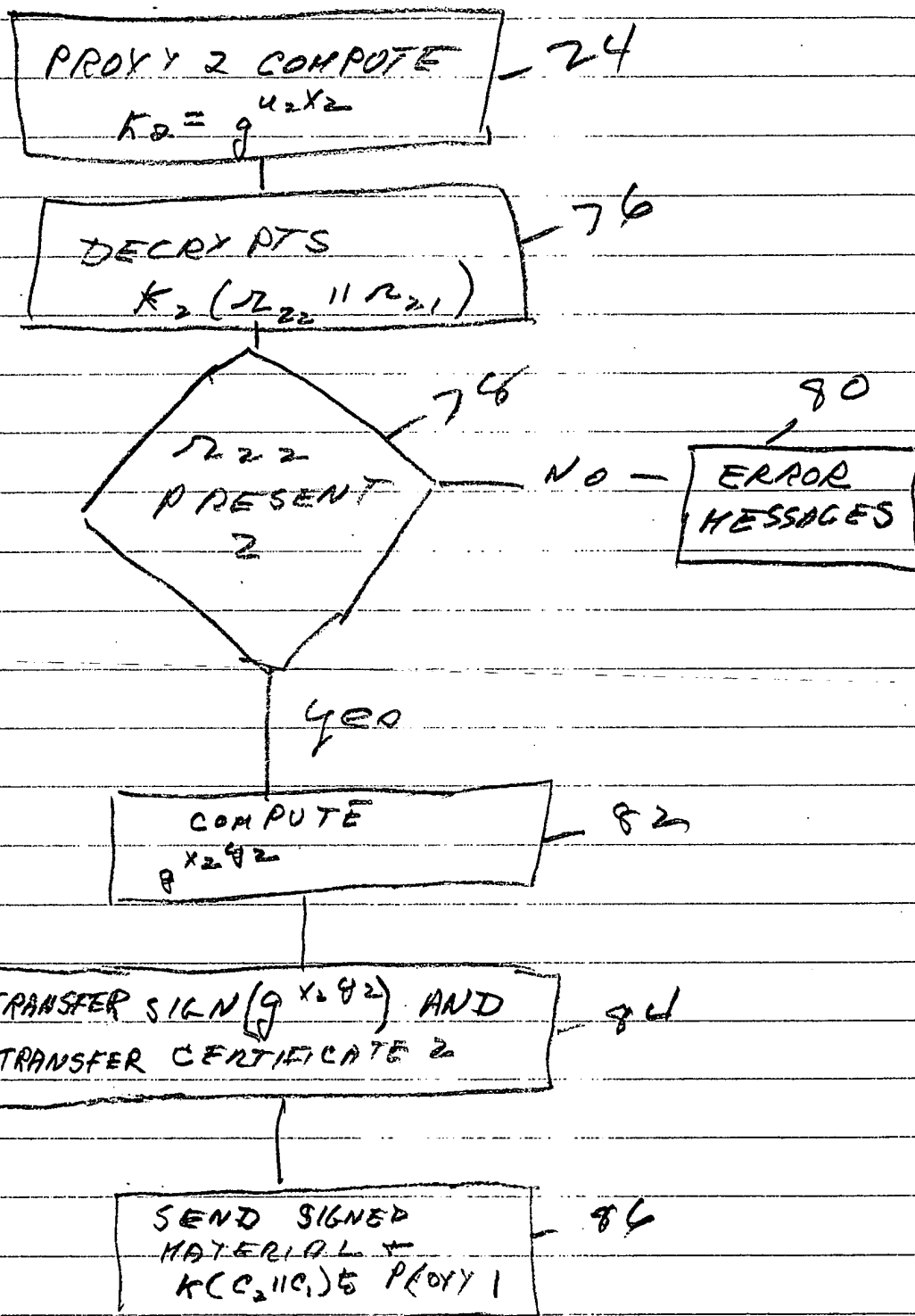


FIG 6

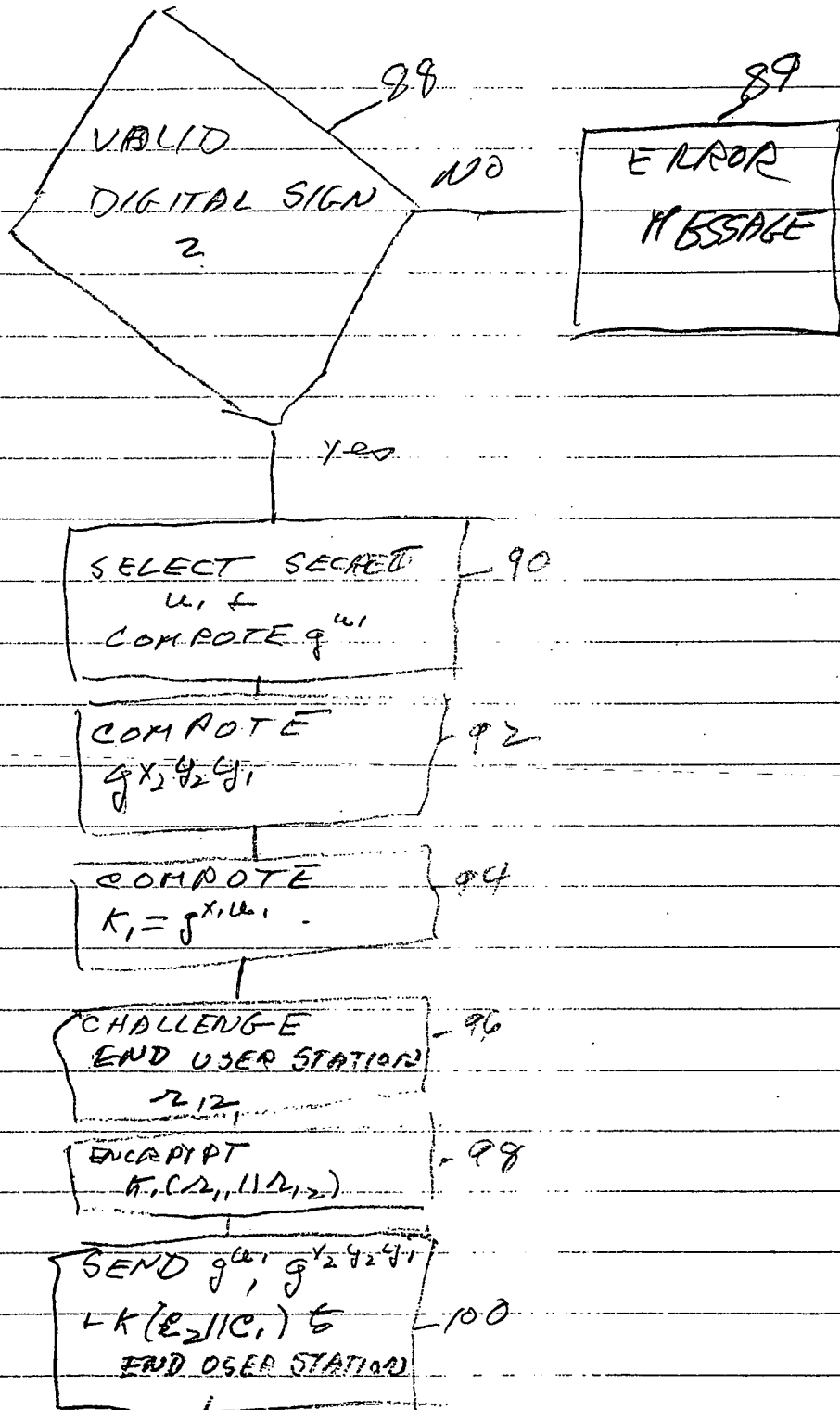


FIG 7

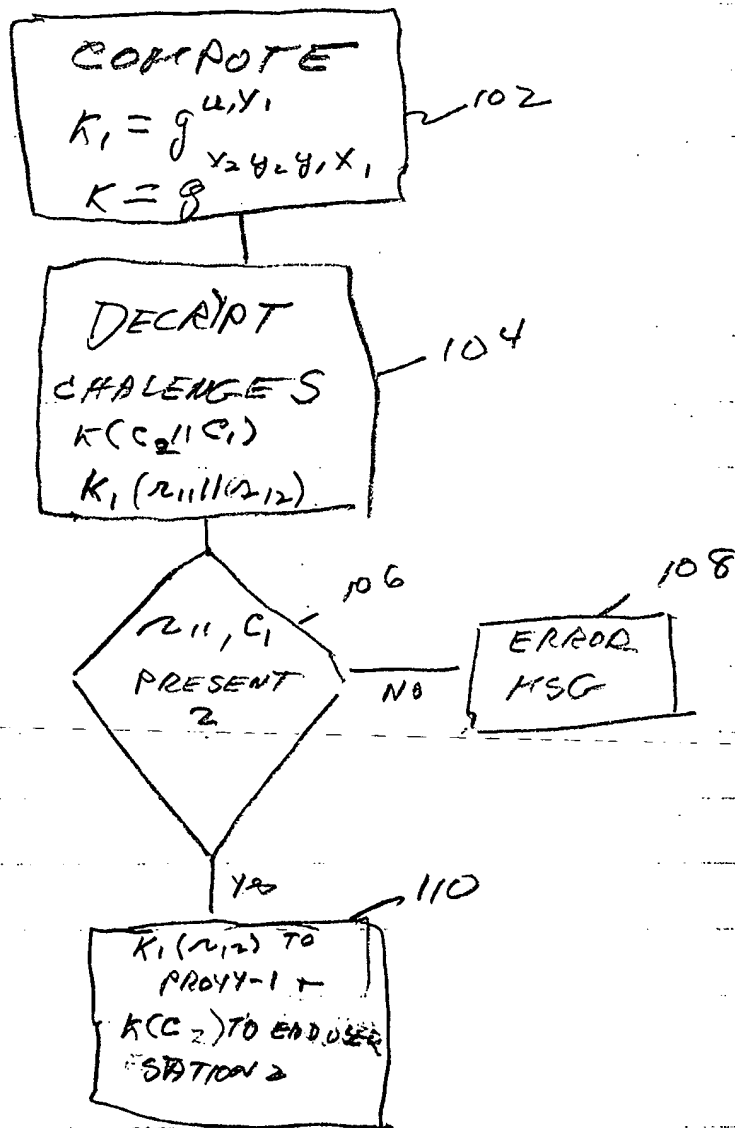


FIG 8

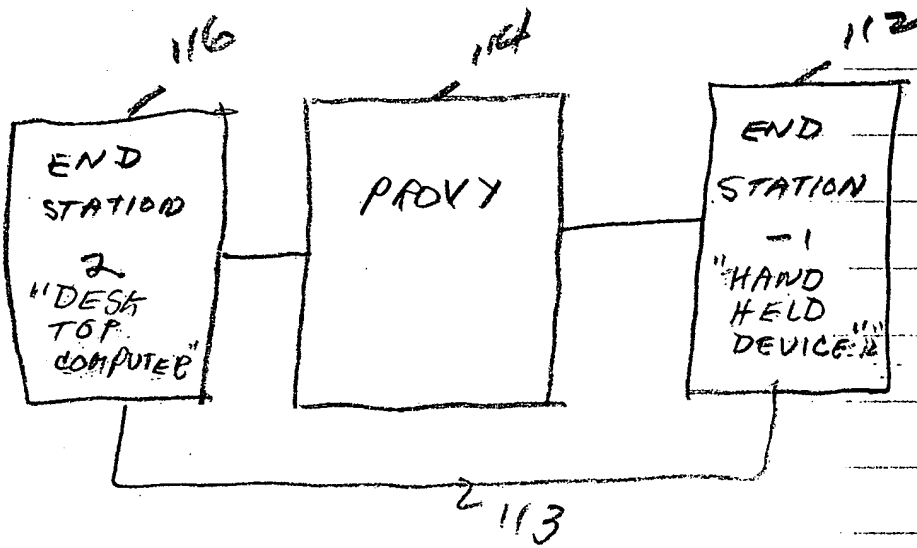


FIG 9

0054101 054101

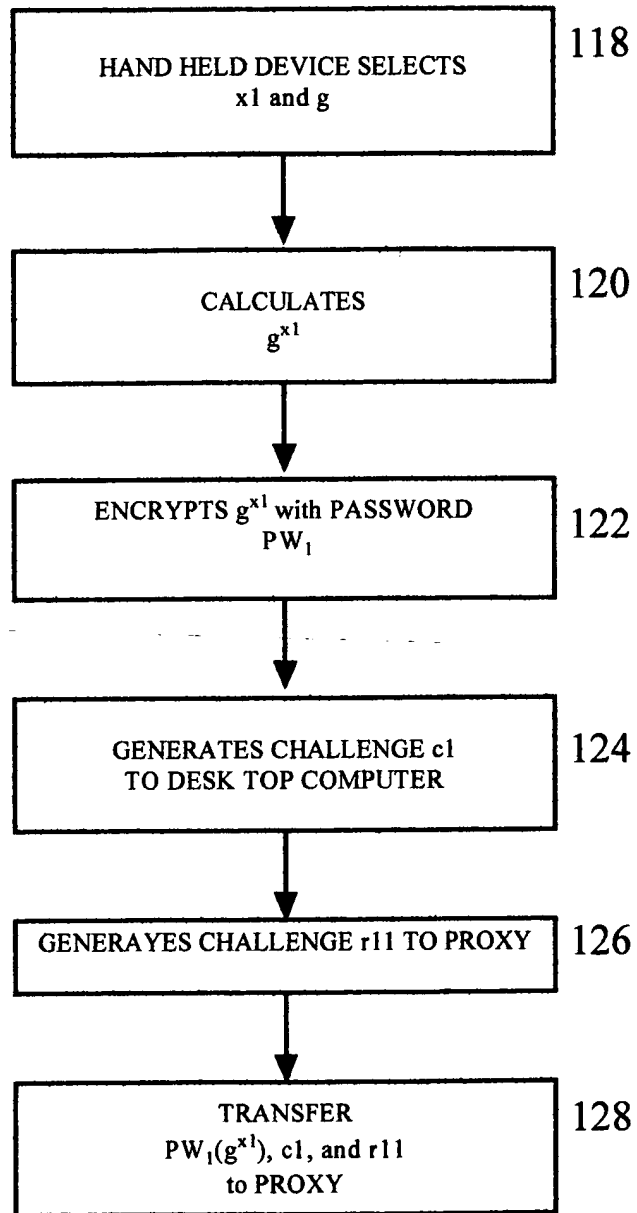


FIG 10

FIG. 11

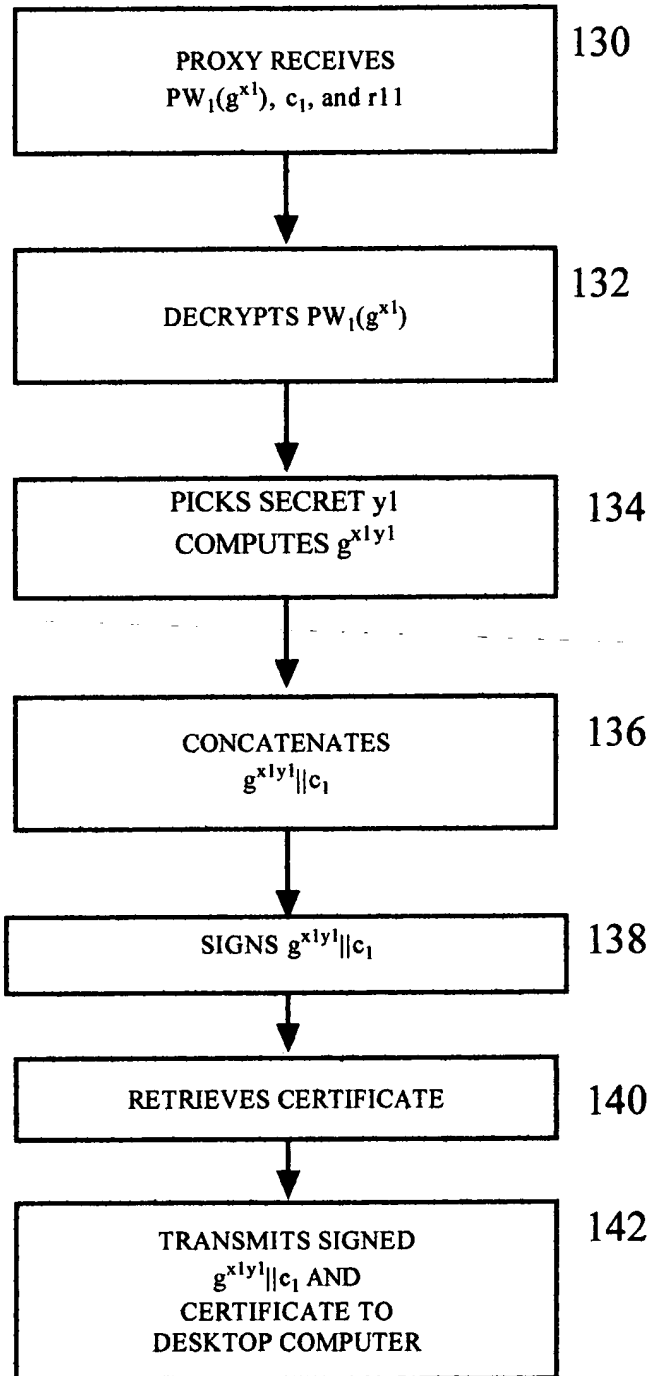


FIG 11

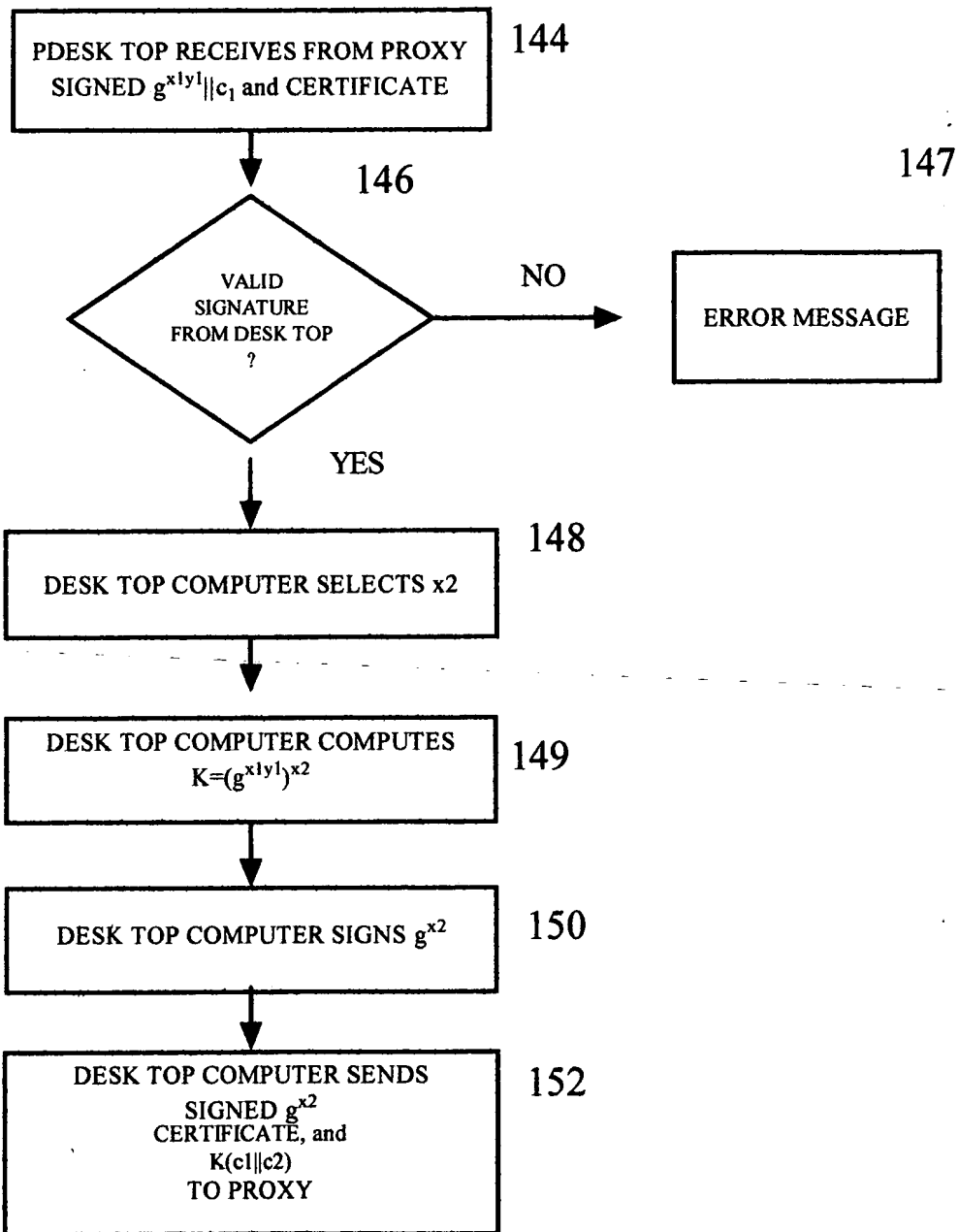


FIG 12

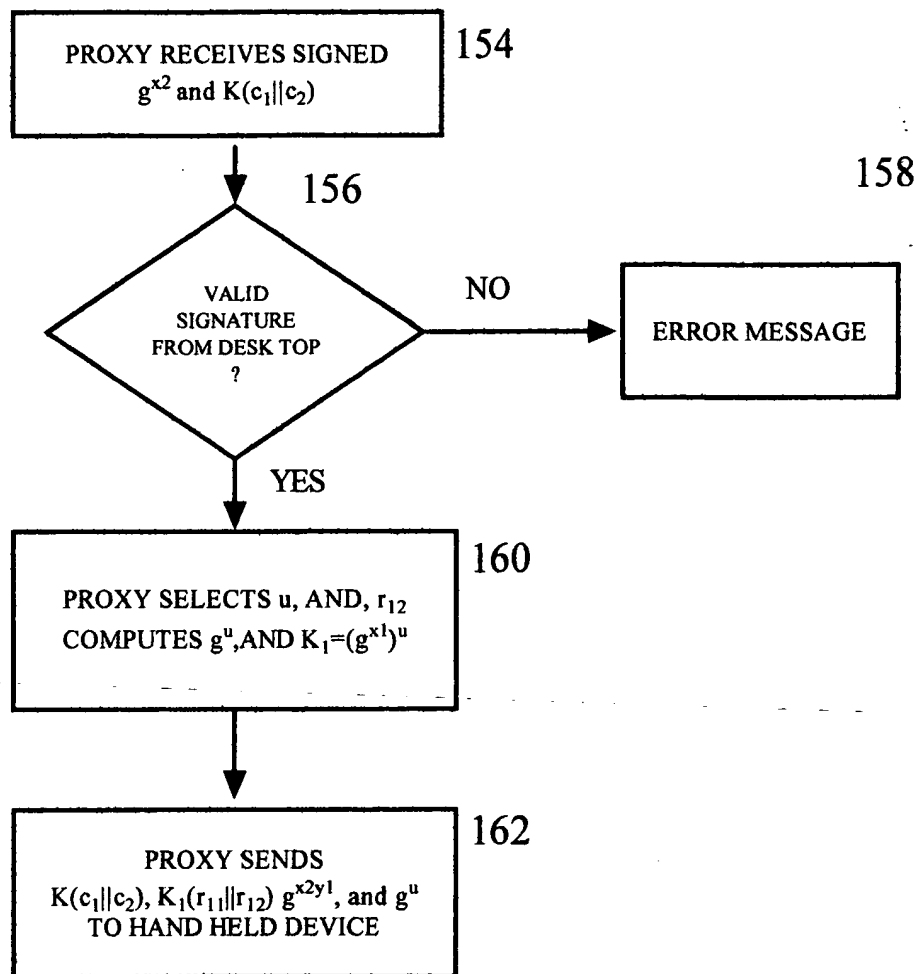


FIG 13

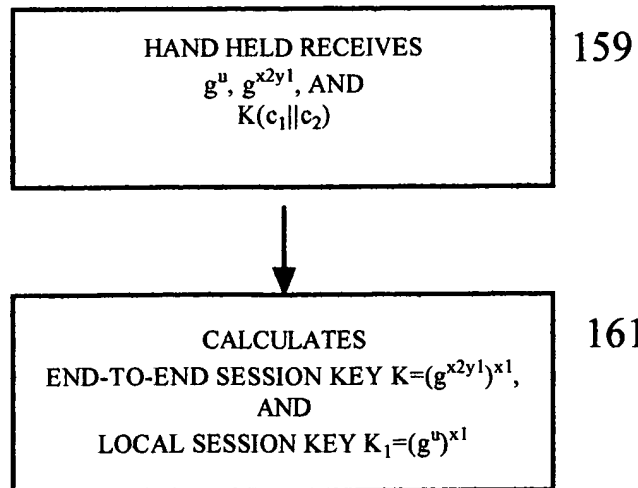


FIG 14

0954101.05101
TOT50TOT5060

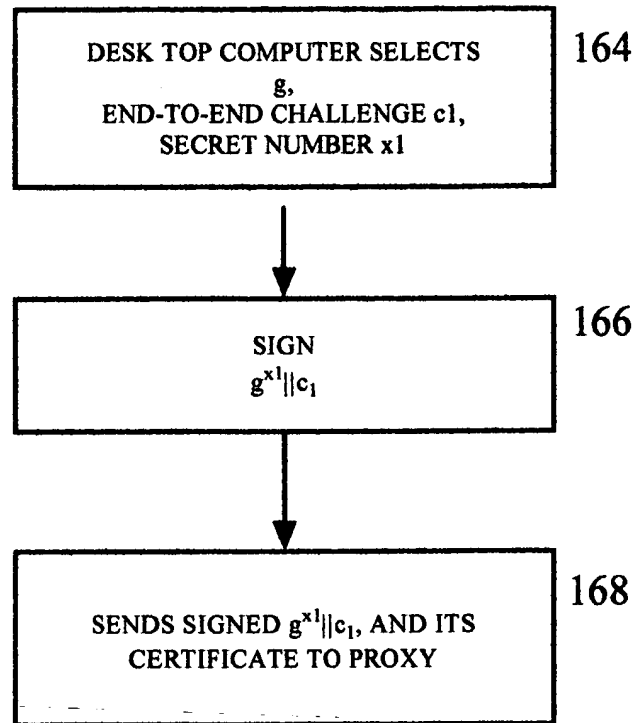
[illegible]

FIG 15

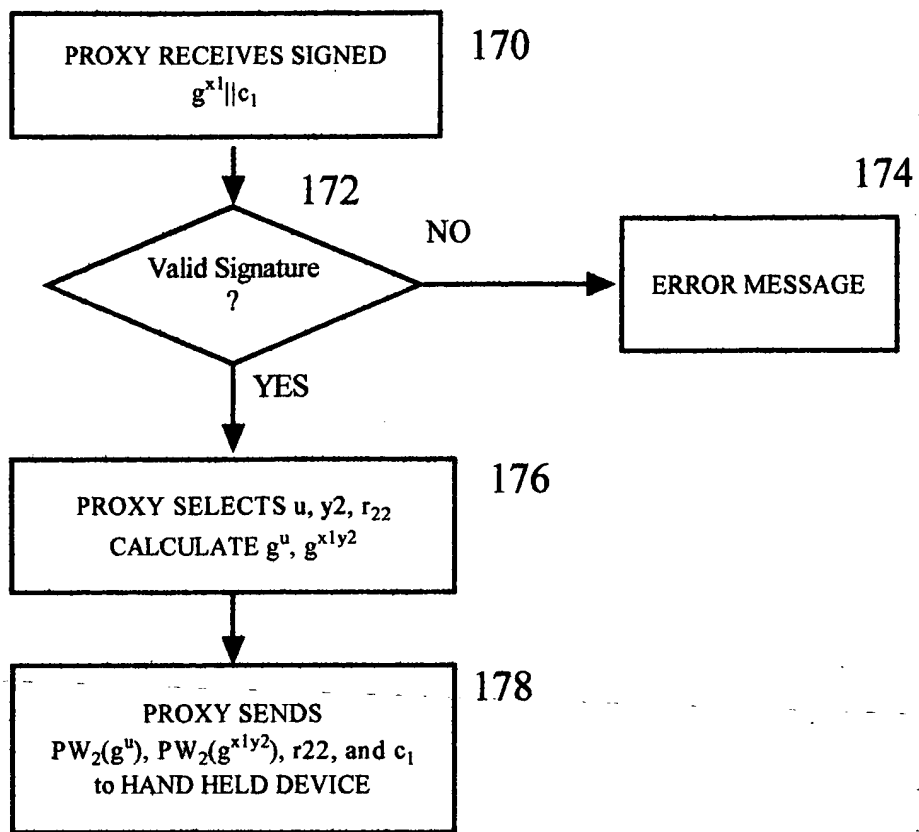


FIG 16

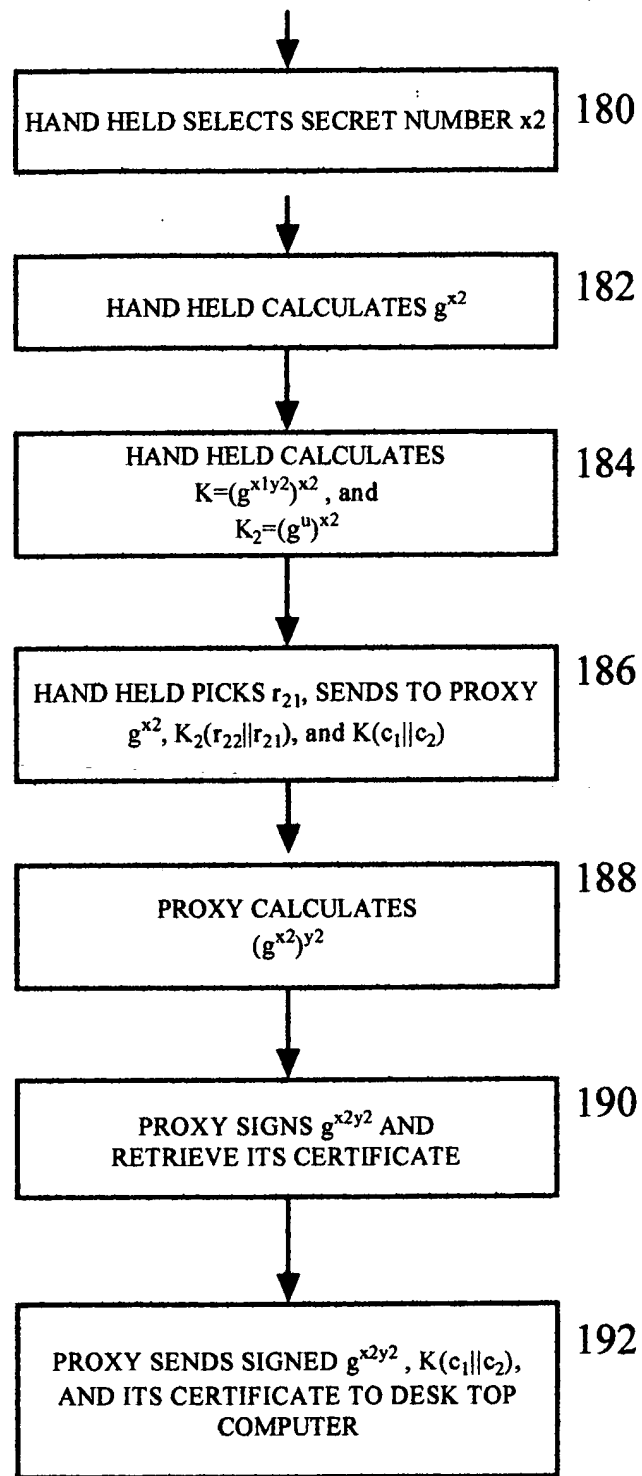


FIG 17

DESK TOP COMPUTED
RECEIVES
SIGNED ($g^{x_2 y_2}$) CERT
+ $K(C_2 || C_1)$

194

VALIDATES
SIGNED $g^{x_2 y_2}$
?

196

NO

198
ERROR
MESSAGE

YES

COMPUTES
 $K = g^{(x_2 y_2)} x_1$

200

FIG 18

0054101.054101